

Na⁺ CP type IV Alpha Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05755
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human SCN4A. AA range:431-480
Mol wt	208032
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Na ⁺ CP type IValpha Antibody
Synonyms	SCN4A; Sodium channel protein type 4 subunit alpha; SkM1; Sodium channel protein skeletal muscle subunit alpha; Sodium channel protein type IV subunit alpha; Voltage-gated sodium channel subunit alpha

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Voltage-gated sodium channels are transmembrane glycoprotein complexes composed of a large alpha subunit with 24 transmembrane domains and one or more regulatory beta subunits. They are responsible for the generation and propagation of action potentials in neurons and muscle. SCN4A (sodium voltage-gated channel alpha subunit 4) encodes one member of the sodium channel alpha subunit gene family. It is expressed in skeletal muscle, and mutations in SCN4A have been linked to several myotonia and periodic paralysis disorders.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year